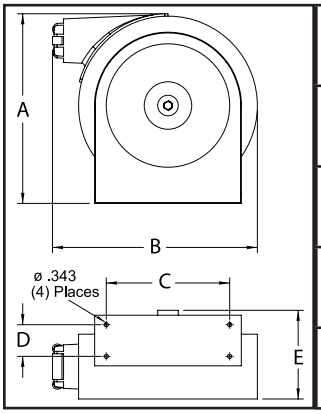
Operating Instructions

Series 5000 Spring Driven Hose Reels

Medium Pressure Model Numbers:

5400 EMP 5625 EMP
5600 EMP 5630 EMP

Dimensions



A	15”
B	16 1/4”
C	9 3/4”
D	2 1/2”
E	7”

SAFETY

1. Do not use reel at higher pressures or temperatures than listed on the back of this bulletin.
2. Remove all spring tension before beginning dissassembly process.

INSTALLATION: A flexible hose connection must be used between the hose reel inlet and the source of supply to prevent possible misalignment and binding.

MOUNTING: The hose reel is equipped with a universal mounting bracket so that it can be mounted on the floor, wall or ceiling; whichever place is convenient. The hose guide arm can be moved to the position desired by removing the 1/4-20 hex nuts (4) fastening the hose guide enclosure to the reel back cover. Shift the hose guide enclosure to the desired position and replace the 1/4-20 hex nuts. **NOTE:** For proper installation in wall mount applications, ensure reel is mounted with inlet on the right as you are facing the reel. Failing to do so could cause latching issues.

LUBRICATION: Hose reel spring and bearings are factory lubricated and require no further lubrication.

REPLACING HOSE:
1. Remove 1/4-20 hex nuts (4) which fasten the hose guide enclosure to the reel back cover and pull off the enclosure.
2. Wind spool flange clockwise-facing swivel-until spring is tight.
3. Back off three turns and latch.
4. Insert hose through roller guide.
5. Connect hose fitting to swivel joint and secure hose with clamps.

ADJUSTMENTS: To adjust spring tension, add or remove wraps of hose from the spool, one wrap at a time until desired tension is obtained.

REPAIRS: Extensive repairs should be performed only by an authorized serviceman or factory to avoid damage which may void your warranty. Remove all spring tension before beginning disassembly process.

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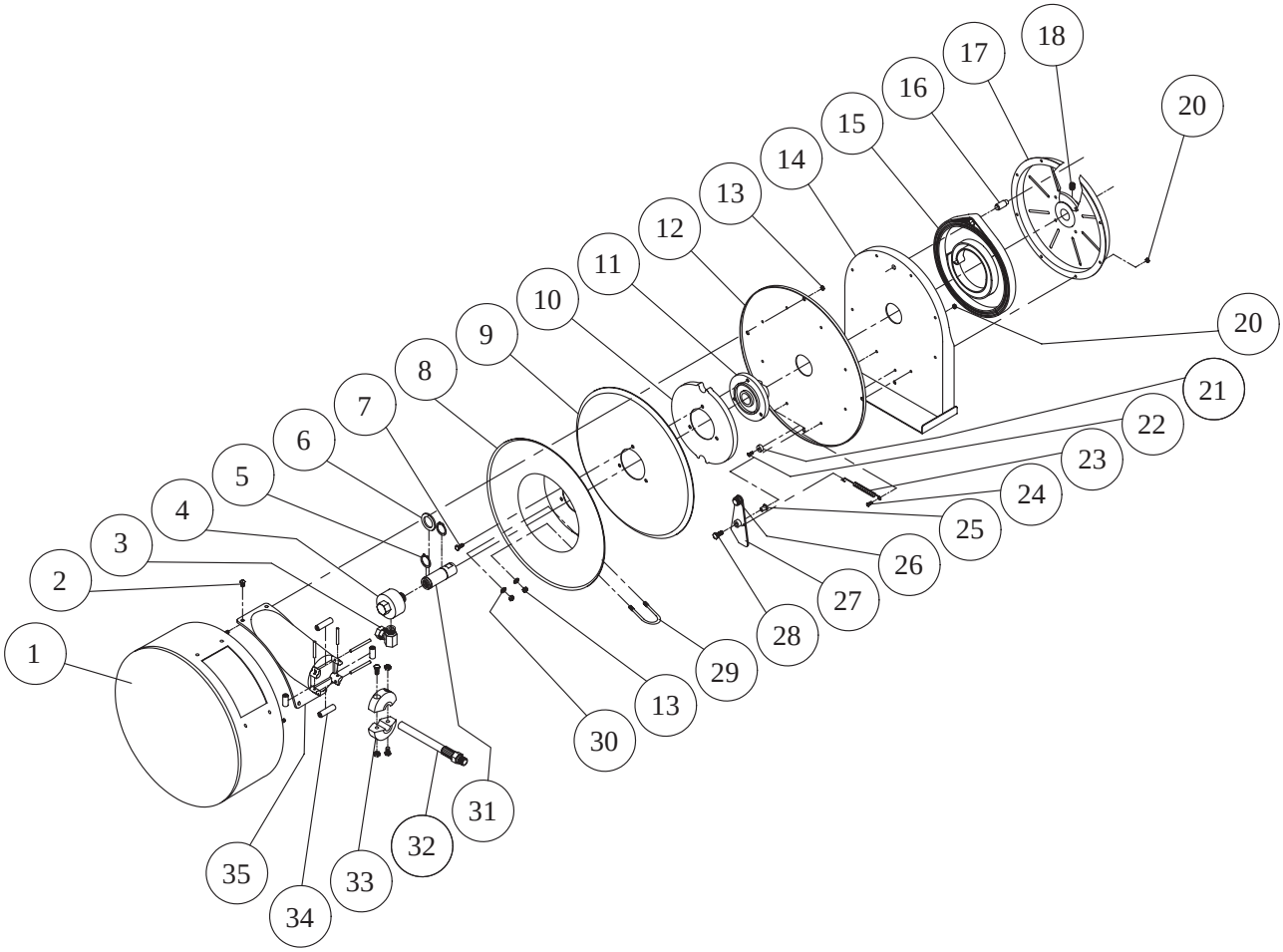

Item #	Part #	# Req.	Description	Item #	Part #	# Req.	Description	Item #	Part #	# Req.	Description
1	500102	1	Case and Cover Assembly	11	S260648	1	Spring Arbor	23	S400018	1	Latch Spring
2	300001	4	10-32 x 3/8" Screw	12	500004	1	Reel Cover	24	300002	7	10-32 x 1/2" Screw
3	S257-33	1	Swivel Union	13	300070	4	1/4-20 Zinc Nyloc Nut	25	S400012	1	Latch Bushing
4	S600595-1	1	Swivel Assembly	14	500101	1	Base Assembly	26	400020	1	O-ring
5	300031	2	1" Snap Ring	16	S261360	1	Spring Case Stud	27	S400109	1	Latch Plate Assembly
6	300034	2	Spacing Washer	17	S500103	1	Spring Case Assembly	28	300035	1	10-32 x 1" Screw
7	S295-102	3	1/4-10 x 5/8" Screw	18	300006	1	3/8-16 x 1/2" Set Screw	30	261650-1	2	1/4-20 Zinc Nyloc Nut
8	260022	1	Sheave Flange	20	S82-15	8	10-32 x 3/8" Nyloc Nut	31	602305	1	Main Shaft
9	500006	1	Sheave Disk	21	S400021	1	Latch Bumper	34	S260019	1	Guide Roller Pin Kit
10	S500019	1	Latch Cam	22	S32-136	1	10-24 x 3/8" Screw	35	HR2012	1	Hose Guide Assembly

Item #	Description	# Req.	5400 EMP	5600 EMP	5625 EMP	5630 EMP
15	Drive Spring Assembly	1	S505740	S505740	S600625	S505740
29	U-bolt Hose Clamp	2	3-117440	3-117440	2-117440	3-117440
32	Hose Assembly	1	None	None	12-260043	16-260043
33	Hose Bumper Assembly	1	None	None	1-HR1004	1-HR1004
Hose I.D. and Length			None	None	3/8" x 25'	3/8" x 30'
Reel Inlet Connection			3/8" FPT	3/8" FPT	3/8" FPT	3/8" FPT
Max. Operating Pressure			3000 PSI	3000 PSI	2600 PSI	2600 PSI
Max. Operating Temperature			210 °F	210 °F	210 °F	210 °F